

IN THE CLAIMS

This is a complete and current listing of the claims, marked with status identifiers in parentheses. The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A long stator motor, comprising:

a stator iron in which slots are arranged for holding cable windings, with two cables running in one slot, wherein, in order to increase magnetic flux in the stator iron, at least two cable windings are arranged one above the other, and at least two cables run one above the other in each slot.

~~A long stator motor, in particular for driving a magnetic levitation railroad, having a stator iron (1) in which slots (2) are arranged for holding cable windings (3 to 8), characterized in that at least two cable windings (3 to 5 and 6 to 8) are arranged one above the other, in that at least two cables run in each slot (2).~~

2. (Currently Amended) The long stator motor as claimed in claim 1, wherein

~~characterized in that three cable windings (3 to 5; 6 to 8) are in each case arranged in one layer as a three-phase winding, and in that~~wherein the layers formed in this way are arranged one above the other.

3. (Currently Amended) The long stator motor as claimed in claim 2, wherein

~~characterized in that~~ the cables which run in one slot ~~(2)~~ are connected to the same phase of the three-phase windings.

4. (Currently Amended) The long stator motor as claimed in ~~one of claims 2 or 3~~, wherein

~~characterized in that~~ the three-phase windings are connected in series.

5. (Currently Amended) The long stator motor as claimed in ~~one of claims 2 or 3~~, ~~characterized in that~~ wherein the three-

phase windings are connected in parallel.

6. (Currently Amended) The long stator motor as claimed in ~~one of claims 2 to 5~~, wherein

~~characterized in that~~ two three-phase windings, ~~which are~~ arranged one above the other, are in each case offset through 180° with respect to one another.

7. (New) The long stator motor as claimed in claim 1, wherein the long stator motor is for driving a magnetic levitation railroad.

8. (New) The long stator motor as claimed in claim 3, wherein the three-phase windings are connected in series.
9. (New) The long stator motor as claimed in claim 3, wherein the three-phase windings are connected in parallel.
10. (New) The long stator motor as claimed in claim 3, wherein two three-phase windings, arranged one above the other, are in each case offset through 180° with respect to one another.
11. (New) The long stator motor as claimed in claim 4, wherein two three-phase windings, arranged one above the other, are in each case offset through 180° with respect to one another.
12. (New) The long stator motor as claimed in claim 5, wherein two three-phase windings, arranged one above the other, are in each case offset through 180° with respect to one another.
13. (New) A long stator motor, comprising:
a stator iron, including grooves for accommodating cable windings, at least two cable windings being arranged one above

the other by running at least two cables run inside each groove to thereby increase magnetic flux in the stator iron.

14. (New) The long stator motor as claimed in claim 13, wherein three cable windings are arranged in one layer as a three-phase winding, and wherein the layers formed in this way are arranged one above the other.

15. (New) The long stator motor as claimed in claim 14, wherein the cables which run in one slot are connected to the same phase of the three-phase windings.

16. (New) The long stator motor as claimed in claim 14, wherein the three-phase windings are connected in series.

17. (New) The long stator motor as claimed in claim 14, wherein the three-phase windings are connected in parallel.

18. (New) The long stator motor as claimed in claim 14, wherein two three-phase windings, arranged one above the other, are in each case offset through 180° with respect to one another.